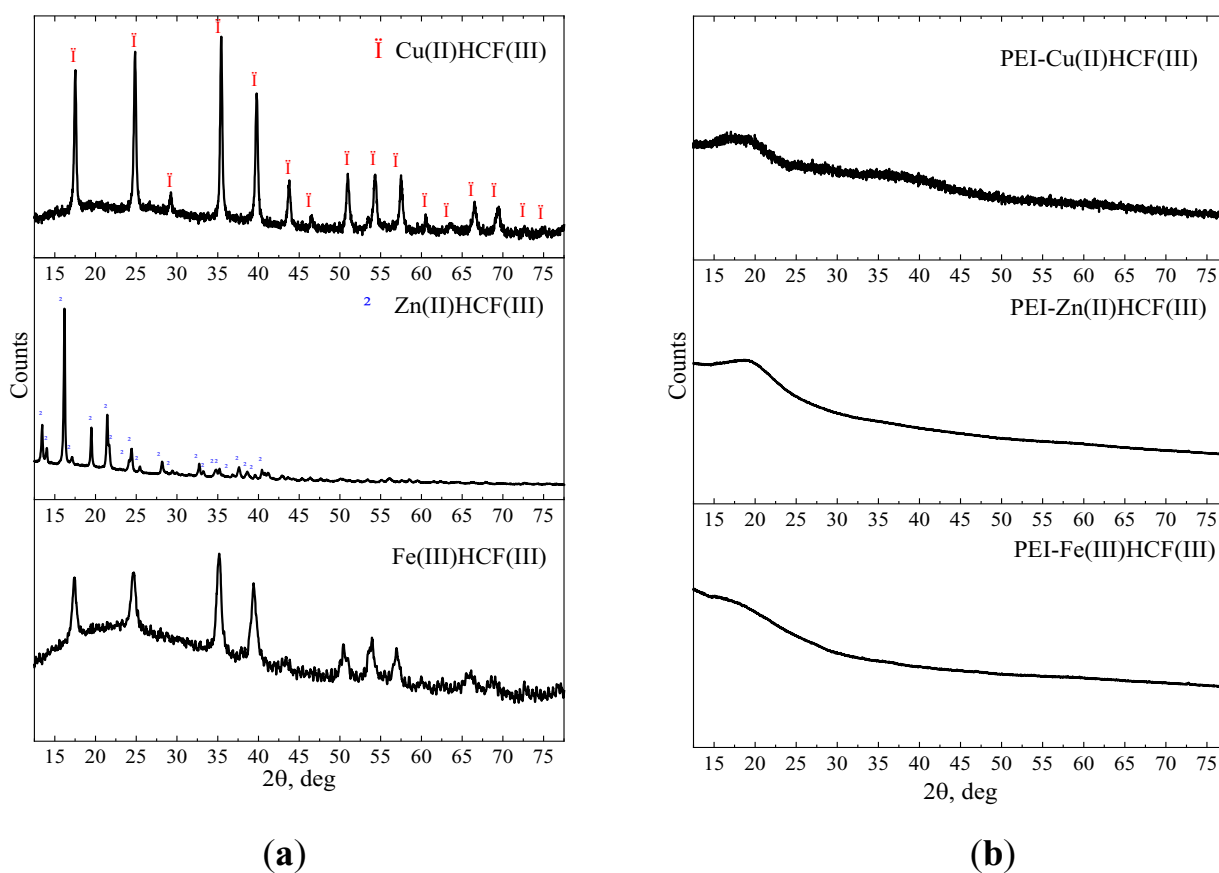


# Polyethylenimine as a non-innocent ligand for hexacyanoferrates immobilization

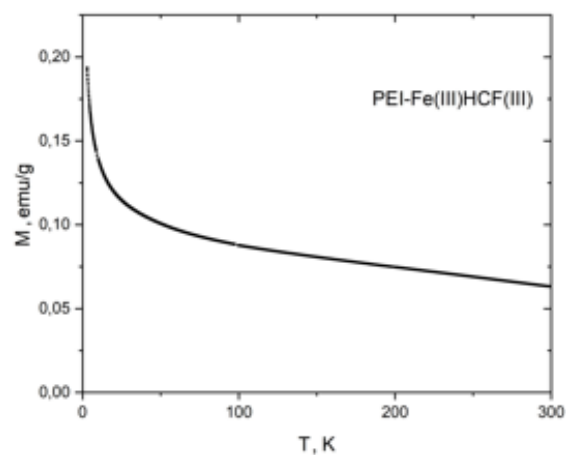
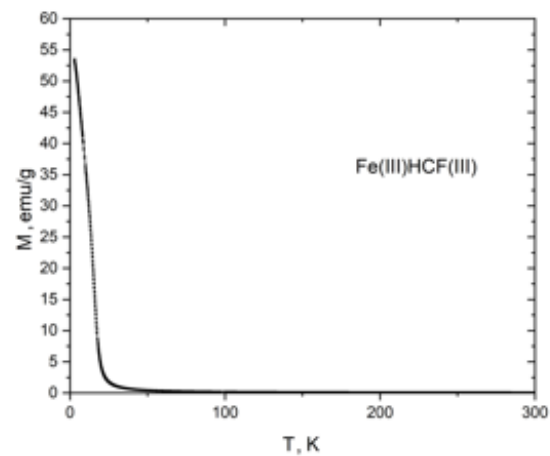
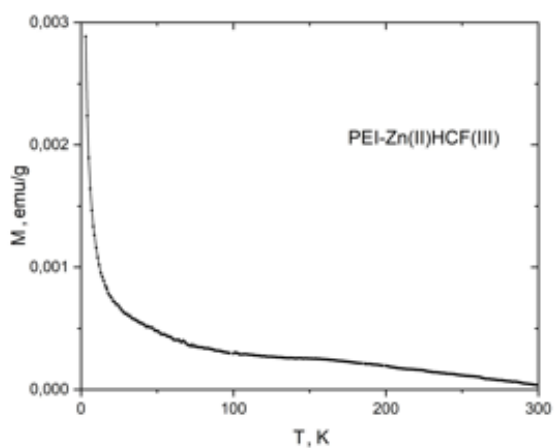
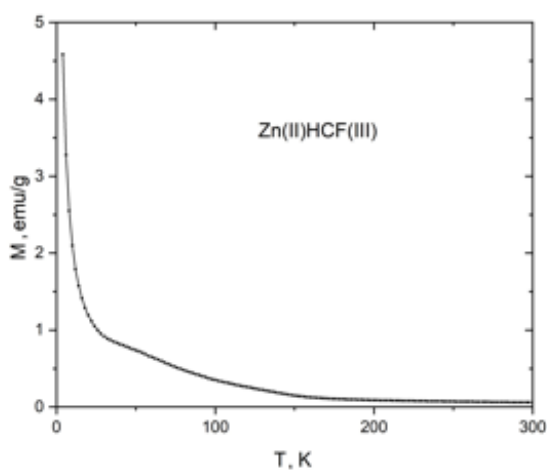
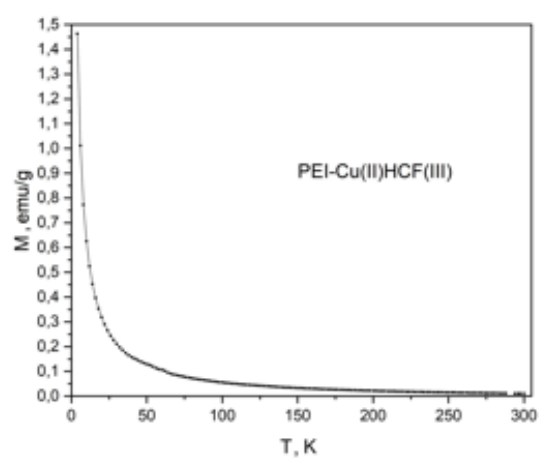
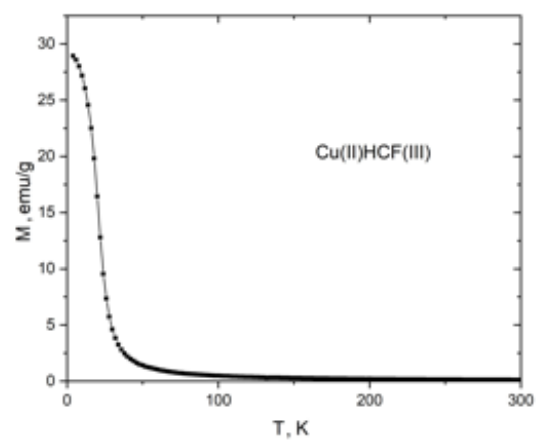
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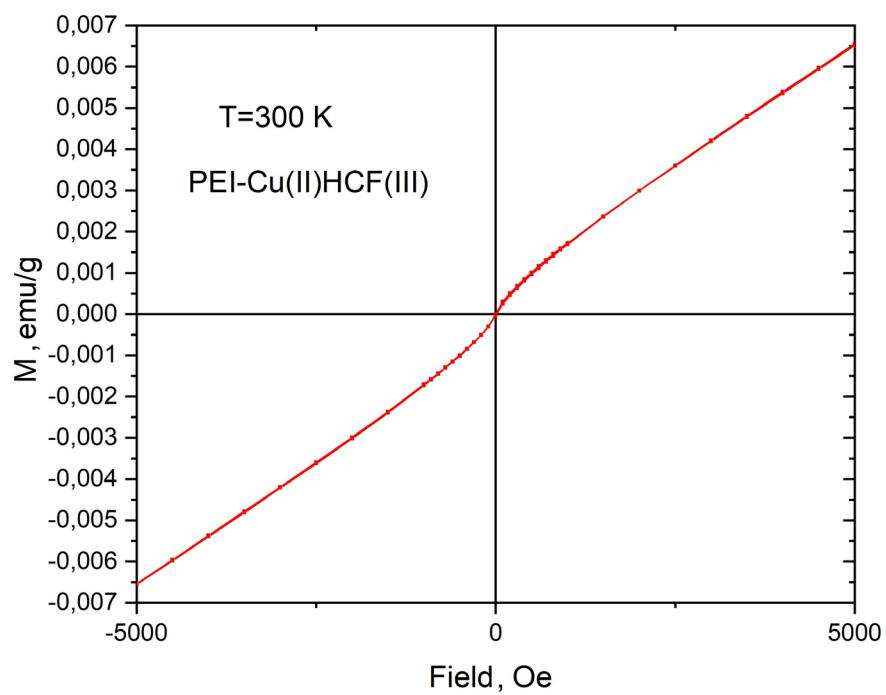
**Figure S1.** XRD patterns of crystalline hexacyanoferrates (HCF) (a) and related PEI-HCF hybrids (b) obtained using  $K_3[Fe^{III}(CN)_6]$  as precursors



**(a)**

**(b)**

**Figure S2.** Temperature dependence of the magnetization for (a) crystalline HCF(III) and (b) PEI-HCF(III) hybrids



**Figure S3.** The magnetization curve for PEI-Cu(II)HCF(III) hybrid measured at T=300 K